

FILE 'REGISTRY' ENTERED AT 13:28:35 ON 16 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 SEP 2004 HIGHEST RN 744786-72-9
DICTIONARY FILE UPDATES: 14 SEP 2004 HIGHEST RN 744786-72-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> Uploading C:\STNEXP4\438.str

L1 STRUCTURE uploaded

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE 'SEARCH INITIATED 13:28:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 8574 TO ITERATE

11.7% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

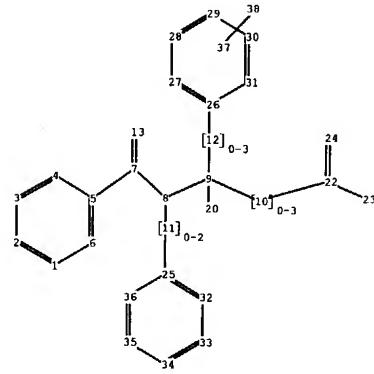
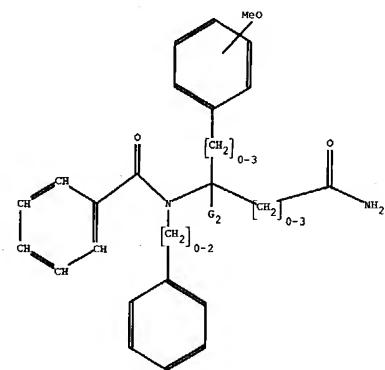
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: 165931 TO 177029
PROJECTED ANSWERS: 0 TO 0
BATCH **COMPLETE**

12 0 SEA SSS SAM 11

```
=> s 11 ful
FULL SEARCH INITIATED 13:29:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 171297 TO ITERATE
```

100.0% PROCESSED 171297 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.02

L3 0 SEA SSS FUL L1



chain nodes :

7 8 9 10 11 12 13 20 22 23 24 37 38

ring nodes :

1 2 3 4 5 6 25 26 27 28 29 30 31 32 33 34 35 36

chain bonds :

5-7 7-8 7-13 8-9 8-11 9-10 9-12 9-20 10-22 11-25 12-26 22-23
22-24 37-38

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
29-30 30-31 32-33 33-34 34-35 35-36

exact/norm bonds :

7-8 7-13 8-9 9-20 22-23 22-24

exact bonds :

5-7 8-11 9-10 9-12 10-22 11-25 12-26 37-38

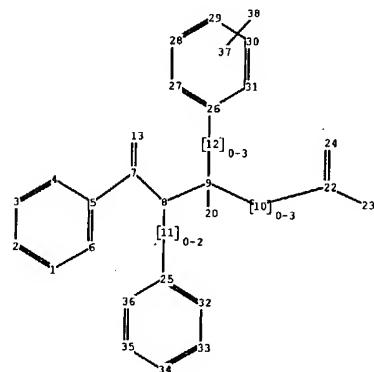
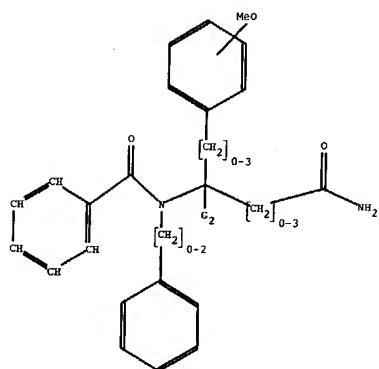
normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
29-30 30-31 32-33 33-34 34-35 35-36

G2:H,CH3

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 20:CLASS 22:CLASS 23:CLASS
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS 38:CLASS



main nodes :

7 8 9 10 11 12 13 20 22 23 24 37 38

ing nodes :

1 2 3 4 5 6 25 26 27 28 29 30 31 32 33 34 35 36
 main bonds : 5-7 7-8 7-13 8-9 8-11 9-10 9-12 9-20 10-22 11-25 12-26 22-23
 22-24 37-38

22 24 3
-ng bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
29-30 30-31 32-33 33-34 34-35 35-36

exact/norm bonds :

7-8 7-13 8-9 9-20 22-23 22-24

exact bonds : 21 23 24 25 22-24

5-7 8-11 9-10 9-12 10-22 11-25 12-26 37-38
 rmalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
 29-30 30-31 32-33 33-34 34-35 35-36

$$\cdot \text{H} \text{---} \text{CH}_3$$

task level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 20:CLASS 22:CLASS 23:CLASS
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS 38:CLASS

FILE 'REGISTRY' ENTERED AT 13:34:23 ON 16 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 SEP 2004 HIGHEST RN 745743-57-1
DICTIONARY FILE UPDATES: 15 SEP 2004 HIGHEST RN 745743-57-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\STNEXP4\38.str

L4 STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
Structure attributes must be viewed using STN Express query preparation.

=> s 14
SAMPLE SEARCH INITIATED 13:34:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 18735 TO ITERATE

5.3% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 366509 TO 382891
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

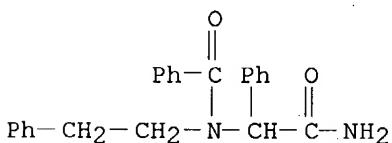
=> s 14 ful
FULL SEARCH INITIATED 13:34:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 374983 TO ITERATE

100.0% PROCESSED 374983 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.04

L6 1 SEA SSS FUL L4

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 154319-76-3 REGISTRY
CN Benzeneacetamide, α -[benzoyl(2-phenylethyl)amino]- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C23 H22 N2 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 157.19 316.18

FILE 'CAPLUS' ENTERED AT 13:35:11 ON 16 SEP 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 16 Sep 2004 VOL 141 ISS 12
FILE LAST UPDATED: 15 Sep 2004 (20040915/ED)

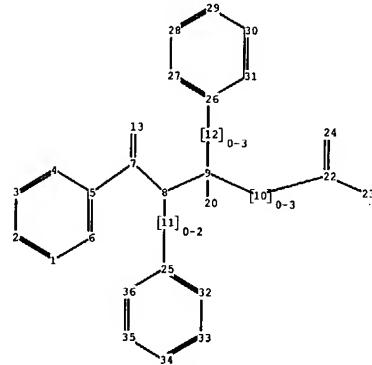
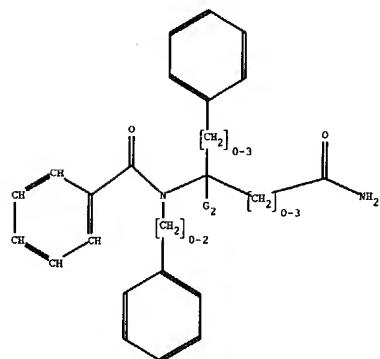
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16
L7 1 L6

=> d

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1994:269775 CAPLUS
DN 120:269775
TI Open-Chain Reissert Compounds: One-Pot Synthesis and Utility in Synthesis
of Unsymmetrical Imides, α -Acylamino Carboxamides, Imidazolinones,
and Hydantoins
AU Leblanc, Jean-Pierre; Gibson, Harry W.
CS Department of Chemistry, Virginia Polytechnic Institute and State
University, Blacksburg, VA, 24061-0212, USA
SO Journal of Organic Chemistry (1994), 59(5), 1072-7
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 120:269775



chain nodes :

7 8 9 10 11 12 13 20 22 23 24

ring nodes :

1 2 3 4 5 6 25 26 27 28 29 30 31 32 33 34 35 36

chain bonds :

5-7 7-8 7-13 8-9 8-11 9-10 9-12 9-20 10-22 11-25 12-26 22-23
22-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
29-30 30-31 32-33 33-34 34-35 35-36

xact/norm bonds :

7-8 7-13 8-9 9-20 22-23 22-24

xact bonds :

5-7 8-11 9-10 9-12 10-22 11-25 12-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 25-32 25-36 26-27 26-31 27-28 28-29
29-30 30-31 32-33 33-34 34-35 35-36

2:H, CH3

atch level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 20:CLASS 22:CLASS 23:CLASS
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

FILE 'HOME' ENTERED AT 12:17:03 ON 16 SEP 2004

=> file req

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.21

FILE 'REGISTRY' ENTERED AT 12:17:12 ON 16 SEP 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

PLEASE SEE REFL. USAGETEXTS FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 SEP 2004 HIGHEST RN 744786-72-9
DICTIONARY FILE UPDATES: 14 SEP 2004 HIGHEST RN 744786-72-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See **HELP CROSSOVER** for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

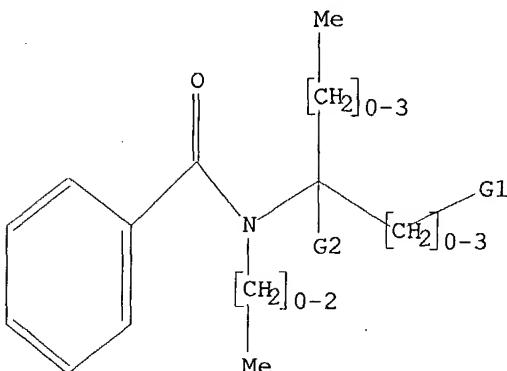
=>
Uploading C:\STNEXP4\632438.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 OH, NH₂, MeO, Et₂O

G2 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 12:17:33 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 75989 TO ITERATE

1.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=>

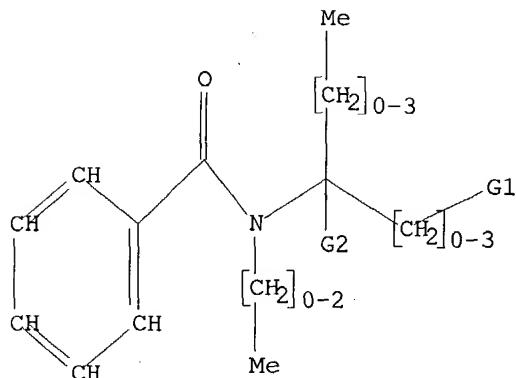
Uploading C:\STNEXP4\32438.str

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



G1 OH, NH₂, MeO, EtO

G2 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 12:19:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 75989 TO ITERATE

1.3% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

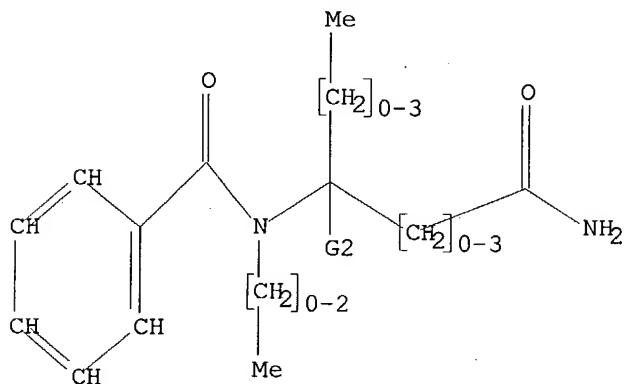
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L4 0 SEA SSS SAM L3

=>
Uploading C:\STNEXP4\2438.str

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR



G1
G2 H,Me

Structure attributes must be viewed using STN Express query preparation.

=> s 15
SAMPLE SEARCH INITIATED 12:21:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3301 TO ITERATE

30.3% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 62575 TO 69465
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 ful
FULL SEARCH INITIATED 12:21:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 64784 TO ITERATE

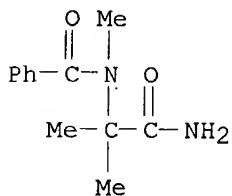
100.0% PROCESSED 64784 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.02

L7 2 SEA SSS FUL L5

=> d 17 1-2

L7 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 166538-24-5 REGISTRY
CN Benzamide, N-(2-amino-1,1-dimethyl-2-oxoethyl)-N-methyl- (9CI) (CA INDEX
NAME)
FS 3D CONCORD

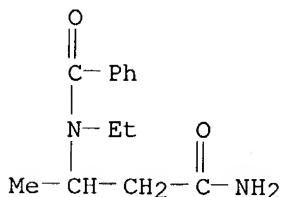
MF C12 H16 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 7008-91-5 REGISTRY
 CN Benzamide, N-(2-carbamoyl-1-methylethyl)-N-ethyl- (7CI, 8CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C13 H18 N2 O2
 LC STN Files: CA, CAOLD, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: NORL (No role in record)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.90	162.11

FILE 'CAPLUS' ENTERED AT 12:22:00 ON 16 SEP 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 16 Sep 2004 VOL 141 ISS 12
FILE LAST UPDATED: 15 Sep 2004 (20040915/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17
L8 4 L7

=> d 18 1-4

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:313283 CAPLUS
DN 129:54025
TI Kinetics and mechanism of cyclization of substituted 2-(benzoylamino) alkanamides in strongly basic medium
AU Sedlak, Milos; Kavalek, Jaromir; Mitas, Petr; Machacek, Vladimir
CS Department of Organic Chemistry, University of Pardubice, Pardubice, 532 10, Czech Rep.
SO Collection of Czechoslovak Chemical Communications (1998), 63(3), 394-406
CODEN: CCCCAK; ISSN: 0010-0765
PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic
DT Journal
LA English

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:644493 CAPLUS
DN 127:346334
TI Preparation and NMR spectra of substituted 2-phenyl-5,5-dialkylimidazolinones
AU Sedlak, Milos; Halama, Ales; Mitas, Petr; Kavalek, Jaromir; Machacek, Vladimir
CS Department of Organic Chemistry, Faculty of Chemical Technology, University of Pardubice, Pardubice, Czech Rep.
SO Journal of Heterocyclic Chemistry (1997), 34(4), 1227-1232
CODEN: JHTCAD; ISSN: 0022-152X
PB HeteroCorporation
DT Journal
LA English
OS CASREACT 127:346334
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:455568 CAPLUS
DN 123:143392
TI Preparation, ¹H and ¹³C NMR spectra of substituted 2-(benzoylamino) carboxamides

AU Sedlak, Milos; Halama, Ales; Kavalek, Jaromir; Machacek, Vladimir; Sterba, Vojeslav
CS Dep. Org. Chem., Univ. Pardubice, Pardubice, 532 10, Czech Rep.
SO Collection of Czechoslovak Chemical Communications (1995), 60(1), 150-60
CODEN: CCCCAK; ISSN: 0010-0765
PB Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic
DT Journal
LA English

L8 ANSWER 4 OF 4 CAPIUS COPYRIGHT 2004 ACS on STN
AN 1965:471981 CAPIUS
DN 63:71981
OREF 63:13255e-h,13256a-c
TI Hydrogenation and ring opening of certain hydroxypyrimidines
AU David, Serge; Sinay, Pierre
CS Fac. Sci.
SO Bulletin de la Societe Chimique de France (1965), (8), 2301-6
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French
OS CASREACT 63:71981